

A Dynamic Classroom Through Simple Technology

Projectors

1. Lesson 'Quick Starts' or quizzes
2. Slide show
3. PowerPoint lectures
<http://www.bcschools.net/staff/PowerPointHelp.htm#CreateBlank>
4. Wireless mouse
5. Student reports

Cameras

1. Digital - Inserting pictures and movies
http://www.deskshare.com/Resources/articles/vem_InsertingVideos_inPowerPoint.aspx
Serge Powerpoint
2. Vision Viewer <http://www.flexcam.com/>
3. Live Demos
Fibers booklet, cleaning the machine, measuring for a recipe, dressing a baby

Computers

1. Excel Seating chart - Excel
<http://www.bcschools.net/staff/ExcelHelp.htm>
2. Paint Student Photos
<http://www.fayette.k12.il.us/99/paint/paint.htm>
3. Online
 - a. SURWEB testing <http://www.surweb.org/>
 - b. Bernina 'My Label' <http://www.berninamylabel.com/>

Live demonstrations are difficult for everyone to see. Learn how to put your demonstrations on the projector for everyone in the class! See how to add movie clips or demonstrations onto your PowerPoint lectures.

Become familiar with how to use online testing such as Surweb to give test reviews or quizzes. These technological applications are easy to learn and make teaching more dynamic!

One of the more powerful techniques that is used in *Microsoft PowerPoint* is inserting edited movies into *PowerPoint* slides. There are some limitations for Windows-based *PowerPoint* programs inserting movies into slides. The root of the majority of the problems stems from the limited number of codecs that can be used to play the movies using **mplayer.exe**. The codecs that can be used by movies for *PowerPoint* presentations are **BMP**, **Cinepak**, **DV-NTSC**, **DV-PAL**, **Intel Indeo Raw 3.2**, **Intel RAW**. Typically, movies that are in **MPEG** or **AVI** format will be able to be inserted into *PowerPoint*.

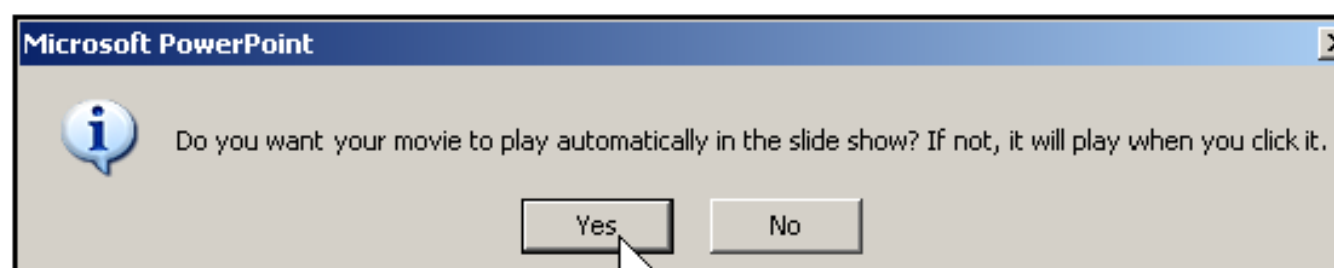


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- The screenshot shows the Microsoft PowerPoint 2003 interface. The title bar reads "Microsoft PowerPoint - [Presentation1]". The menu bar includes File, Edit, View, Insert, Format, Tools, Slide Show, Window, Help, and PowerTools. The "Insert" menu is open, displaying options: New Slide (Ctrl+M), Duplicate Slide, Slide Number, Date and Time..., Symbols..., Comment, Slides from Files..., Slides from Outline..., Picture, Diagram..., Text Box, Movies and Sounds (highlighted with a right-pointing arrow), Chart..., Table..., Object..., and Hyperlink... (Ctrl+K). The "Movies and Sounds" submenu is also open, listing: Movie from Clip Organizer..., Movie from File... (highlighted with a mouse cursor), Sound from Clip Organizer..., Sound from File..., Play CD Audio Track..., and Record Sound. In the background, the "Outline" pane on the left shows a single slide titled "Movie Example". The main slide area displays the text "Movie Example" in a large blue font.

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- Windows Explorer window showing a folder named 'Movies'. The file list contains one file: 'F4M2002.mpg', which is 42,911 KB and a 'Wharfedale file'. The file is selected. The 'File name' field is empty, and the 'Files of type' dropdown is set to 'Movie Files (*.avi;*.tod;*.avi;*.wmv;*.wm;*.jv;*.ind;*)'. The 'OK' button is highlighted.

Note: It is good practice to keep the movies that you are inserting into your *PowerPoint* presentation in the same folder as your presentation. *PowerPoint* links to movies that are inserted into presentations. Therefore, external links can be broken easily but still give the appearance of full functionality until the presentation is run.

4. If you want your movie to play automatically when you reach the slide, click the **YES** button to allow *PowerPoint* to set this behavior for you. If you click the **NO** button, you will have to click somewhere on the movie to start the movie playing when the show is being run.



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References and Links:

PowerPoint Add-In to Insert Movies Using Windows Media Player

<http://support.microsoft.com/default.aspx?scid=kb;en-us;299284>

PowerPoint and Multimedia

<http://www.indezine.com/products/powerpoint/ppmultimedia.html>

PowerPoint 2000 Movie Troubleshooter

<http://support.microsoft.com/default.aspx?scid=/support/powerpoint/ppt2000/mmedia/list.asp>

Unable to Insert Quicktime Movies

<http://support.microsoft.com/default.aspx?scid=kb;en-us;291934>

Contact Information:

Voice: 662-325-5009

Web site: www.create4ms.org

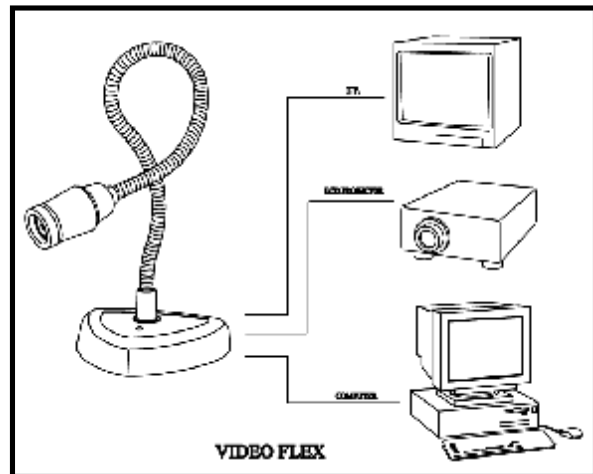


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Video Flex

7600

The Video Flex 7600 introduces a direct computer interface. Simply connect to the USB port of any PC to transmit or capture images. The 7600 can simultaneously display to a computer and a TV monitor. This means that a video signal can be received and "frozen" in a computer while live action continues on the monitor.



Additional Features and Benefits

- **USB, Composite, & S-VHS** For greater range of applications; simultaneous hook up
- **Triangular Base** Slip and Tip proof
- **500 Lines of Resolution** For crisp clear pictures
- **Poly-Carbonate Build** Allows for rugged conditions and environment
- **C-mount Lens** Interchangeable lens system accommodates all c-mount lenses.
- **Quick Focus™** 1/4 turn moves from 6mm to infinity
- **Ball and Socket Head** For greater range of motion and easier positioning
- **Microphone** For recording or amplifying
- **Discovery Scope Kit** To bring nature into the classroom
- **Adjustable Contrast** Varies the contrast of the picture
- **Positive / Negative Switch** Similar to Darkfield Control on microscopes; this reverses the lighted images
- **Fluorescent Control** For Fluorescent conditions
- **KensingtonSlot** Provides anti-theft control



7600 SPECIFICATIONS

| | |
|-------------------|------------------------|
| Weight | 5.95 lbs / 2.70 Kg |
| Base Material | Polycarbonate |
| Base Dimension | 7"x7"x7" / 18x18x18 cm |
| Height | 30" / 76.2 cm |
| Head Type | Ball and Socket |
| Lens | 8 mm |
| Focus | 1/4 turn "Quick Focus" |
| Focal distance | 1/4" / 6mm to infinity |
| Light Sensitivity | 1.5 Lux |
| Resolution | 500 Lines |
| Magnification | 50:1 and greater |

| | |
|-------------------|-----------------------------------|
| Exposure | Adjustable Contrast |
| Output Signal | USB (cable and software included) |
| | Composite and S-VHS |
| Eyepiece Adapters | 28mm & Built-in 34.5 mm |
| Advanced Features | Contrast Control Buttons |
| | Positive/Negative Switch |
| | Fluorescent Control Switch |
| Options Included | Discovery Scope Kit & Case |
| Cable | 12' A/V |
| Warranty | 5 Years |

Specifications subject to change without notice



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Vision Viewer

7890U

The Vision Viewer 7890U directly interfaces with your computer or laptop. It comes complete with our Applied Vision™ Software for Windows, which is equipped with digital CMOS technology, FTP Uploading and Video Streaming, allowing you to develop solutions to meet all your presentation needs.



Additional Features and Benefits

- Rubber Knurled Focusing System
 - Pre-Attached Cabling
 - Resolution
 - Ergonomically Designed Swivel Head
 - Lens
- Better grip for smoother focusing
No cable to lose
640 x 480 VGA
For ease of positioning
6mm glass

7890 SPECIFICATIONS

| | | | |
|----------------|-------------------------|--------------------|--------------------------|
| Weight | 8 lbs / 4 kgs | Neck Length | 20" (51 cm) |
| Base Dimension | 7" x 7" (18 cm x 18 cm) | Light Sensitivity | .8 Lux |
| Connection | USB | Focal distance | 8 mm to infinity |
| | Pre-attached 4' (1.2 m) | Output Signal | Digital |
| | USB Cable | Microscope Adapter | 28mm included |
| Resolution | 640 x 480 (VGA) | Software | Applied Vision™ Windows® |
| | 352 x 288 (CIF) | Warranty | 1 Year |
| Head Type | D-mount Swivel | | |
| Lens | 6mm Glass | | |

Specifications subject to change without notice



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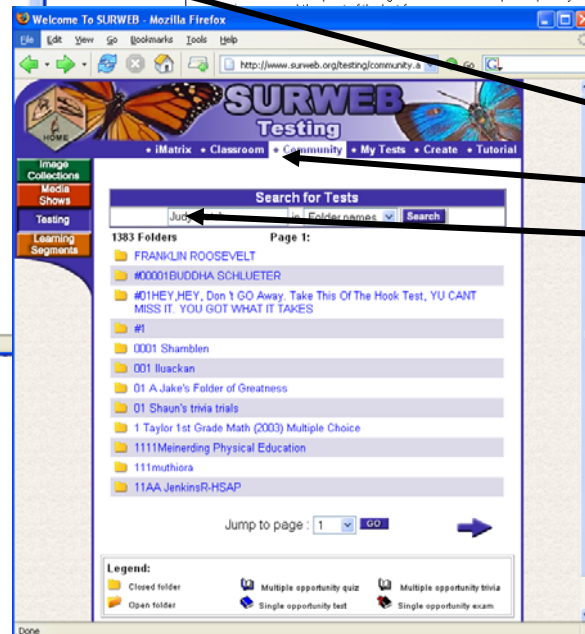
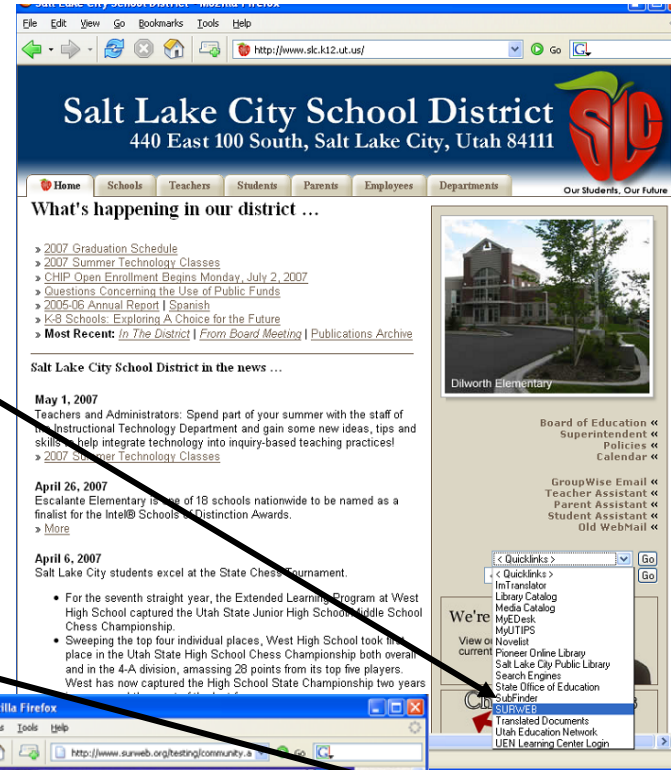
email: info@ken-a-vision.com

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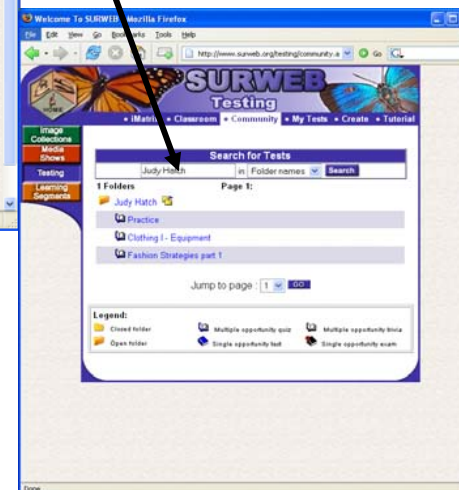
SURWEB Testing for classes

JUDY HATCH

1. Open the internet to the SLC District page
2. Find the Quicklinks box and click on **SURWEB** (or type in: <http://www.surweb.org>)



3. SURWEB page
 - a. Click on Blue **TESTING** box
 - b. Click on **Community**
 - c. Then type in **Judy Hatch** and push search
4. Click on the Judy Hatch folder
5. Find the test for your class and take the test



http://www.surweb.org - Testing - Mozilla Firefox

Start Over Close Window

Judy Hatch
Practice
Multiple Choice Summary

Total points earned: 25
Out of a possible: 30

Your Score is:
83%

**Questions you missed
on the first try:**

Question:
What day of the week is this?

Answer:
Friday

Submit your information

Your Name:

Send an additional copy of my results to:

Done

6. AFTER taking the test

- Type your name in the "Your Name" field
- To PRINT the test results push the PRINT button or "Ctrl-p"
- Make sure you have the printout in hand before you push "Record My Grade"